



TO: *Members of the Division of Nuclear Physics, APS*
FROM: *Benjamin F. Gibson, LANL – Secretary-Treasurer, DNP*

ACCOMPANYING THIS NEWSLETTER:

- DNP Fall Meeting Housing and Registration Forms
- DNP Fall Meeting Preamble



Future Deadlines

- **11 September 1998** — Santa Fe Housing Deadline
- **11 September 1998** — Santa Fe “Special” Registration Rate Deadline

WWW Home Page for DNP

A worldwide web home page for the Division of Nuclear Physics is currently available at “<http://www.phy.anl.gov/dnp/>”. Each newsletter is posted on the web, in advance of the copy you receive in the mail. Other information of interest to DNP members, such as deadlines for meetings, prizes, nomination forms, and special announcements are listed there as well. We would like to hear your comments and suggestions. Please send them to Bob Wiringa at “dnp@theory.phy.anl.gov”.

1. DNP COMMITTEES

Executive Committee

Stuart J. Freedman, UCB/LBNL, **Chair** (1998)
Walter F. Henning, ANL, **Chair-Elect** (1998)
R. G. Hamish Robertson, U Washington, **Vice Chair** (1998)
Bunny C. Clark, OSU, **Past Chair** (1998)
Benjamin F. Gibson, LANL, **Secretary-Treasurer** (1998)
Virginia R. Brown, NSF, **Past Secretary-Treasurer**
John P. Schiffer, ANL, **Divisional Councilor**
(December 1999)
J. Dirk Walecka, College of William & Mary, **Divisional Councilor** (December 2001)
Jolie A. Cizewski, Rutgers (1998)
Bradley W. Filippone, Caltech (1998)
Claus-Konrad Gelbke, MSU (1998)
Richard Milner, MIT-Bates (1999)
Robert P. Redwine, MIT (1999)
John F. Wilkerson, U. Washington (1999)

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Program Committee

W. F. Henning, ANL (**Chair**)
R. G. H. Robertson, U. Washington (**Vice Chair**)
S. J. Freedman, UCB & LBNL (**Past-Chair, 1997**)
B. C. Clark, OSU (**Past-Chair, 1996**)
B. F. Gibson, LANL (**Secretary-Treasurer**)
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A. Garcia, Notre Dame
J. D. Garrett, ORNL
M. Gyulasey, Columbia
S. Klein, LBNL
K. T. Lesko, LBNL
N. C. R. Makins, U. Illinois
H. D. Meyer, Indiana U.
S. A. Page, U. Manitoba
M. J. Ramsey-Musolf, INT and Connecticut
G. Savard, ANL
S. J. Seestrom, LANL
R. H. Seto, UC Riverside
S. J. Wallace, U. Maryland
G. D. Westfall, MSU

1999 Hans Bethe Prize Committee

V. Trimble, **Chair** (12/98)
J. D. Walecka, **Vice-Chair** (12/99)
J. P. Schiffer, DNP Member (12/98)
W. C. Haxton, DAP Member (12/99)
J. Bahcall, 1998 Prize Winner (12/98)

1999 Tom Bonner Prize Committee

P. Paul, **Chair** (12/98)
S. A. Austin, **Vice-Chair** (12/99)
S. J. Wallace (12/98)
R. Janssens (12/99)
J. M. Moss, 1998 Prize Winner (12/98)

1999 DNP Dissertation Award Committee

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J. J. Kolata (12/98)
H. R. Weller (12/99)
M. J. Ramsey-Musolf (12/00)

1999 Fellowship Committee

B. C. Clark, **Chair** (12/99)
R. F. Casten (12/99)
S. J. Seestrom (12/99)
S. E. Vigdor (12/00)
W. Benenson (12/00)

1998 Nominating Committee

B. V. Jacak, **Chair** (12/98)
A. Nathan, **Vice-Chair** (12/99)
M. J. Ramsey-Musolf (12/98)
J. D. Walecka (12/99)
J. A. Carlson (12/98)

1998 Ad Hoc Nuclear Funding Committee

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W. F. Henning
R. G. H. Robertson
B. C. Clark
L. S. Schroeder
H. Grunder

1998 Ad Hoc Education Committee

M. McMahan, **Chair**
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1998 Ad Hoc APS Nominations Committee

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J. Cizewski
W. F. Henning
J. F. Wilkerson

1998 Ad Hoc Home Page Committee

J. F. Wilkerson, **Chair**
C. Jones
A. B. Balantekin
H. Matis
R. G. H. Robertson
R. B. Wiringa, Webmaster

1998 Ad Hoc Centennial Committee

J. D. Walecka, **Chair**
W. F. Henning, **Display Subcommittee Chair**
E. J. Beise
R. N. Boyd
V. R. Brown, Liaison
J. C. Davis
B. F. Gibson
F. Videback

Appointments of members to DNP committees are for one- or two-year terms. Division Councilors are elected for four-year terms. Executive and Program Committee dates correspond to the end of the term following the Spring Meeting except for Division Councilors, as indicated.

2. SANTA FE FALL MEETING

Enclosed are registration and housing forms. Check the web site (<http://p23.lanl.gov/dnp98>) for last minute details. Those with e-mail addresses will be notified of the APS web site for the detailed program.

Those who pre-register and pay the registration fee by 11 September and who supply a U.S. address will be sent a copy of the BAPS program via first class mail from the printer in early October.

3. APS CENTENNIAL MEETING IN ATLANTA, GA, 20-26 MARCH 1999

The 1999 APS Centennial Meeting, a combined March and April meeting, will be held in Atlanta starting Saturday, 20 March, and lasting through Friday, 26 March. The Centennial celebration will bring together participants from all units of the APS as well as representatives from foreign physical societies. This unique event will honor many great discoveries in physics during the last century as well as highlight current research efforts leading into the 21st century. The meeting will feature special symposia designed to appeal to physicists from all walks as well as the usual invited talks on leading edge physics research. A special Centennial advance program will be available to APS members in September.

In addition to a possible keynote address by President Clinton, special plenary sessions will highlight speakers such as S. Weinberg (U. Texas), H. Varmos (NIH), J. Birnbaum Hewlett-Packard), M. Good (Venture Capital), and R. Smalley (Rice). An exhibition showcasing the Nobel Prize-winning work of some 75 scientists is being organized. More than 40 Nobel laureates are expected to attend. The DNP will host its usual complement of invited sessions, mini-symposia, and contributed paper sessions for an APS spring meeting.

4. FUTURE DNP FALL MEETINGS

1999	October 13-16	Asilomar, CA
2000	October	Williamsburg, VA

The dates include the Wednesday "workshops," which are held in conjunction with the DNP Fall Meetings. Holding "workshops" at the DNP Fall Meetings is a tradition that began with the 1986 Vancouver meeting. All meeting attendees are welcome and encouraged to come. It has been the intention of the DNP Executive Committees that these "workshops" should have broad appeal, with introductory pedagogical talks for the benefit of those who have come primarily for the DNP meeting but want to take the opportunity to learn about a field of specialty of the local community.

5. FUTURE APS SPRING MEETING INFORMATION

1999	March 20–26	Atlanta, GA
2000	April 29 – May 2	Long Beach, CA

The 2000 APS Spring Meeting is tentatively scheduled for Long Beach, California. Discussions are underway to bring the 2001 meeting back to Washington, DC but perhaps with a switch from spring to fall. Any person with strong feelings about such a switch should contact Susan Seestrom, who serves on the APS Meetings Committee and Executive Board, or write directly to Judy Franz, APS Executive Officer.

6. NOMINATIONS FOR APS FELLOWSHIP

The procedure for the election of a Member to Fellowship is outlined in the Membership Directory of the APS under “Constitution and Bylaws,” or can be found under Fellowships on the APS Home Page. A nomination form, which cites the principal contributions of the candidates to physics, should be prepared and signed by two members of the society. The total number of members who could be elected to Fellowship in a given year is one half of one percent of the total APS membership.

The DNP deadline is normally **1 April**. Nomination forms are available from the APS Home Page or can be obtained by sending an e-mail message to fellowship@aps.org or by calling (301) 209-3286. Completed forms should be returned to Dr. J. Franz at the same address. Information can also be found on the APS home page (<http://www.aps.org>); click on the word fellowship. The nomination form can also be downloaded.

The 1998 DNP Fellowship Committee is comprised of B. C. Clark (Chair), R. F. Casten, S. J. Seestrom, S. E. Vigdor, and W. Benenson. The Fellowship Committee reviews the nominations for APS Fellowship referred to the DNP and recommends a slate of candidates, which is forwarded to the APS Fellowship Committee and then to the APS Council for approval.

It is particularly important for nominators to ensure that the cases that they prepare for the Fellowship Committee are well documented. In addition to that requested on the nomination form, information such as lists of invited talks, awards, professional activities, committee services, and participation in organization of conferences is very helpful. Inclusion of a complete publication list is highly recommended.

The DNP has adopted the following Fellowship Criteria Guidelines. To be chosen as a Fellow, an APS member should have a record of excellence in research that has been sustained over several years, and have completed at least one major, original work that has influenced his/her specialty in a significant way.

The list of APS Fellows (by APS subunit) elected in a given year appears on the APS Home Page in December and is published in the March issue of *APS News*. The names of newly elected DNP Fellows are published in the February Newsletter and the awards are presented at the DNP Business meeting of the Spring APS meeting.

NSACREVIEW

DOE Sponsored Intermediate Energy Nuclear Science
URL <http://symons.lbl.gov/nsac>

7. NUCLEAR PHYSICS WEB SITES, J. Dairiki

The Exploratorium, the hands-on science museum in San Francisco, named “The ABCs of Radioactivity,” which was developed by LBNL’s Nuclear Science Division, as one of its 10 cool websites for May. The project was developed by members of the Division’s Education Committee. The site has been used as a guide and reference to nuclear science concepts and class room experiments by both teachers and students. Check it out at http://www-nsd.lbl.gov/NSD_docs/abc/home.html or click to LBNL from Laboratories under LINKS on the DNP home page and scroll down to Educational Resources.

8. ANNUAL REVIEWS OF NUCLEAR AND PARTICLE SCIENCE

The Division has continued the agreement with Annual Reviews, Inc., which will enable DNP members to obtain copies of the “*Annual Review of Nuclear and Particle Science*” at a 30% discount when purchased through the DNP Secretary-Treasurer, Benjamin F. Gibson, Los Alamos National Laboratory, DNP, MS B283, Los Alamos, NM 87545.

1998 Prices: The dual prices (separated by a slash) listed below correspond to USA/other countries including Canada. Volumes 12–29 and 31–41 are \$55/\$60 retail and \$38.50/\$42 for DNP members. Volumes 42 and 43 are \$59/\$64 retail and \$41.30/\$44.80 for DNP members. Volumes 44 and 45 are \$62/\$67 retail and \$43.40/\$46.90 for DNP members. Volume 46 is \$67/\$72 retail and \$46.90/\$50.40 for DNP members. Volumes 47 and 48 are \$70/\$75 retail and \$49/\$52.50 for DNP members.

Other Annual Reviews series publications are also available. A complete listing of topics and authors for the current volumes and back volumes of Annual Reviews publications may be viewed on the Annual Reviews Web Site at <http://www.AnnualReviews.org>. The Web Site also features a fully searchable abstracts data base for all Annual Reviews publications, which allows visitors to search by author name or key words.

Payment (payable to the Division of Nuclear Physics–APS) must accompany your order and must be in U.S. funds. California orders must add applicable sales tax. *Since 1 January 1991, all orders shipped to Canada require the addition of a 7% General Sales Tax (Reg. #121449029 RT).*

9. FALL 1998 TARGET DATES FOR PROPOSAL SUBMISSIONS TO THE DIVISION OF PHYSICS OF THE NSF, V. R. Brown

On the basis of the success of the target-date experiment, which was designed to improve the Division’s management of proposals, and to allow us, where appropriate, to employ disciplinary panels in the merit review process, the Division of Physics will use target dates for proposal submissions for disciplinary research activities competing for FY 1999 funds (FY 1999 begins on October 1, 1998).

The three target dates of interest to DNP members are:

1. Wednesday, September 30, for proposals concerning Special Programs and Conferences
2. Wednesday, October 14, for proposals concerning Theoretical Nuclear Physics
3. Wednesday, November 4, for proposals concerning Experimental Nuclear Physics

Please do not send proposals more than one month in advance of the deadline to avoid processing timing difficulties.

Other target dates in the Physics Division can be found on the NSF/Physics Division web pages "<http://www.nsf.gov/mps/phy>".

The above dates do not apply to proposals sent to the Physics Division in response to Foundation-wide solicitations such as the Faculty Early Career Development (CAREER) or Research Experiences for Undergraduates sites (REU). These programs have specified target or deadline dates contained in their program announcements. More information can be obtained on the NSF web pages "<http://www.nsf.gov/>".

10. FUTURE CONFERENCES

Organizers of future conferences should contact the DNP Secretary-Treasurer if they wish their conferences listed in DNP newsletters.

"Fifteenth International Conference on the Application of Accelerators in Research and Industry," 4–7 November 1998, University of North Texas, Denton, TX. Contact: Barbie Stippec, P.O. Box 305370, Denton, TX 76203-5370, Telephone: 940-565-3252, Fax: 940-565-2227, e-mail: stippec@unt.edu, WWW: <http://www.phys.unt.edu/accelcon/>.

"1998 Nuclear Science Symposium and Medical Imaging Conference," 8–14 November 1998, Westin Harbour Castle Hotel, Toronto, Ontario, Canada. Contacts: Craig Woody (nss98@bnl.gov), Stan Majewski (nss98@jlab.org), Les Rogers (ieee.mic98@umich.edu), WWW: www.nss98.bnl.gov.

"KEK-Tanashi International Symposium on 'Physics of Hadrons and Nuclei,'" 14–17 December 1998, Hongo Campus of the University of Tokyo, sponsored by KEK-Tanashi and the JSPS. Contact: Prof. Osamu Morimatsu, High Energy Accelerator Research Organization (KEK), Tanashi Branch, 3-2-1 Midori-cho, Tanashi, Tokyo 188, Japan, Telephone: 81-424-69-9534, Fax: 81-424-62-0763, e-mail: osamu.morimatsu@kek.jp

"XXII Nuclear Physics Symposium," Oaxtepec, 5–8 January 1999, Morelos, Mexico. Contact: Dra. Enriqueta Hernandez, Instituto de Fisica de la UNAM, Apartado Postal 20-364, 01000 Mexico, D.F., Mexico, Telephone: +52-5-6225014 / 6225128, Fax: +52-5-6161535 / 6225015, e-mail: enriqueta@ft.ifisicacu.unam.mx, WWW: <http://www.nuclecu.unam.mx/~bijker/oaxtepec/oaxtepec.html>.

"International Symposium on Nuclear Electro-Weak Spectroscopy (NEWS 99) for Symmetries and Electro-Weak Nuclear-Processes," 9–12 March 1999, at the RCNP (Research Center for Nuclear Physics), Osaka, Japan. Contact: Dr. K. Takahisa, RCNP, Osaka University, Mihogaoka 10-1, Ibaraki, Osaka 567-0047, Japan, Telephone: +81-6-879-8895, Fax: +81-6-879-8899, e-mail: news99@rcnp.osaka-u.ac.jp, WWW: <http://www.rcnp.osaka-u.ac.jp/~news99>.

"Fourth Workshop on Electromagnetically Induced Two Hadron Emission," 26–29 May 1999, Departamento de Fisica Moderna of the Universidad de Granada. Contact: Departamento de Fisica Moderna, Universidad de Granada, E-18071 Granada, SPAIN, Fax: +34/958274208, e-mail: 2nconf@ugr.es, WWW: <http://www.ugr.es/~2nconf>.

"Facing The Next Millenium," 21–26 June 1999, Seville, Spain. Chairpersons: B. Rubio (Valencia), M. Lozano (Sevilla), Conference Secretary: Ms. Rocio Peinado, PROCONSUR, Avda. San Francisco Javier 15, 4-AA, E-41005 Seville, Spain, Telephone: +34-95-492 27 55, Fax: +34-95-492 30 15, e-mail: nuclear.proconsur@svq.servicom.es, WWW: <http://www.cica.es/aliens/ENPE99/>.

"The Tenth International Conference on Recent Progress in Many Body Theories," 10–15 September 1999, Seattle, Washington. Address: MANY BODY X, c/o Aurel BULGAC, Department of Physics, University of Washington, P.O. Box 351560, Seattle, WA 98195-1560, USA, Fax: 206-685-9829, e-mail: m b x @ p h y s . w a s h i n g t o n . e d u , W W W : <http://www.phys.washington.edu/~mbx>. Conference advertising, correspondence, registration, etc. will be done electronically through <http://www.phys.washington.edu/~mbx>.

"Tenth International Symposium on Reactor Dosimetry," 12–17 September 1999, Osaka, Japan. Contact: D. W. Vehar, Sandia National Laboratories, MS-1142, P. O. Box 5800, Albuquerque, NM 87185-1142, Telephone: 505-845-3414, Fax: 505-844-0798, e-mail: dwvehar@sandia.gov, WWW: www.sandia.gov/events/isrd99.

STUART J. FREEDMAN, Chair

Department of Physics
366 Le Conte Hall
University of California
Berkeley, CA 94720
Phone: (510) 486-7850
Fax: (510) 486-6738
sjfreedman@lbl.gov

WALTER F. HENNING, Chair-Elect

Physics Division — 203
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439
Phone: (630) 252-4004
Fax: (630) 252-3903
henning@anlphy.phy.anl.gov

R. G. HAMISH ROBERTSON Vice-Chair

Department of Physics
University of Washington
Box 351560
Seattle, WA 98155
Phone: (206) 616-2745
Fax: (206) 616-2902
rghr@u.washington.edu

BENJAMIN F. GIBSON, Secretary-Treasurer

DNP, MS B283
Los Alamos National Laboratory
Los Alamos, NM 87545
Phone: (505) 667-5059
Fax: (505) 667-1931
dnp@qmc.lanl.gov